

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|-----------------|------------------|---------|------------------|
| L1 | 9105 | (reverse phase) near (polymerization polymerisation polymerised polymerising polymerizing polymerized) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L2 | 23957 | (emulsion) near (polymerization polymerisation polymerised polymerising polymerizing polymerized) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L3 | 382476 | gel gels gelling gelled | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L4 | 314 | L3 same L1 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L5 | 1267 | L3 same L2 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L6 | 194629 | ultraviolet ultra adj violet photoinitiator photopolymerization photopolymerisation photopolymerized photopolymerised | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L7 | 324 | L6 and L5 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L8 | 63 | L6 and L4 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L9 | 166 | L7 and acrylamide | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L10 | 23 | L8 and acrylamide | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L11 | 182 | L9 L10 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L12 | 14360 | (residual unreacted) adj (monomer monomers oligomer oligomers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:25 |
| L13 | 62 | 11 and 12 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:23 |
| L14 | 6816 | (residual) adj (monomer monomers oligomer oligomers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:23 |
| L15 | 52 | 13 and 14 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:23 |
| L16 | 529 | (reduce reducing reduction)near (residual unreacted) adj (monomer monomers oligomer oligomers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:26 |
| L17 | 29998 | (water adj soluble water adj swellable) near (polymer polymers copolymer copolymers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:26 |

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|-----|------|--|--------------------|----|-----|------------------|
| L18 | 529 | (reduce reducing reduction) near (residual unreacted) adj (monomer monomers oligomer oligomers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:26 |
| L19 | 140 | 17 and 18 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:26 |
| L20 | 5 | 19 and 13 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L21 | 27 | 19 and 6 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L22 | 4 | 21 and 1 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L23 | 9 | 21 and 2 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L24 | 9 | 22 23 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L25 | 4 | 24 not 20 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:37 |
| L26 | 4546 | 524/800-846.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:38 |
| L27 | 351 | 524/827,831.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:38 |
| L28 | 1 | 27 and 19 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:39 |
| L29 | 60 | 27 and 6 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:39 |
| L30 | 6 | 29 and 12 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:39 |

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| L1 | 9105 | (reverse phase) near (polymerization polymerisation polymerised polymerising polymerizing polymerized) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L2 | 23957 | (emulsion) near (polymerization polymerisation polymerised polymerising polymerizing polymerized) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L3 | 382476 | gel:gels:gelling:gelled | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L4 | 314 | L3 same L1 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L5 | 1267 | L3 same L2 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L6 | 194629 | ultraviolet ultra adj violet photoinitiator photopolymerization photopolymerisation photopolymerized photopolymerised | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L7 | 324 | L6 and L5 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L8 | 63 | L6 and L4 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L9 | 166 | L7 and acrylamide | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L10 | 23 | L8 and acrylamide | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L11 | 182 | L9 L10 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:22 |
| L12 | 14360 | (residual unreacted) adj (monomer monomers oligomer oligomers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:25 |
| L13 | 62 | 11 and 12 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:23 |
| L14 | 6816 | (residual) adj (monomer monomers oligomer oligomers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:23 |
| L15 | 52 | 13 and 14 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:23 |
| L16 | 529 | (reduce reducing reduction)near (residual unreacted) adj (monomer monomers oligomer oligomers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:26 |
| L17 | 29998 | (water adj soluble water adj swellable) near (polymer polymers copolymer copolymers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:26 |

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|-----|--------|---|-----------------|----|-----|------------------|
| L18 | 529 | (reduce reducing reduction) near (residual unreacted) adj (monomer monomers oligomer oligomers) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:26 |
| L19 | 140 | 17 and 18 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:26 |
| L20 | 5 | 19 and 13 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L21 | 27 | 19 and 6 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L22 | 4 | 21 and 1 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L23 | 9 | 21 and 2 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L24 | 9 | 22 23 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:27 |
| L25 | 4 | 24 not 20 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:37 |
| L26 | 4546 | 524/800-846.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:38 |
| L27 | 351 | 524/827,831.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:38 |
| L28 | 1 | 27 and 19 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:39 |
| L29 | 60 | 27 and 6 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:39 |
| L30 | 6 | 29 and 12 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 16:39 |
| S1 | 444 | 522/84,85.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:03 |
| S2 | 105736 | (light ultraviolet radiation irradiation photopolymerization photointiation) near (intensity) | US-PGPUB; USPAT | OR | OFF | 2005/02/07 17:56 |
| S3 | 81 | S1 and S2 | US-PGPUB; USPAT | OR | OFF | 2005/02/07 17:56 |
| S4 | 71131 | acrylamide acrylamides methacrylamide methacrylamides | US-PGPUB; USPAT | OR | OFF | 2005/02/07 17:57 |
| S5 | 59 | S3 and S4 | US-PGPUB; USPAT | OR | OFF | 2005/02/07 18:14 |
| S6 | 1294 | first near (initiator photoinitiator) | US-PGPUB; USPAT | OR | OFF | 2005/02/07 18:15 |
| S7 | 1044 | second near (initiator photoinitiator) | US-PGPUB; USPAT | OR | OFF | 2005/02/07 17:58 |
| S8 | 445 | S6 and S7 | US-PGPUB; USPAT | OR | OFF | 2005/02/07 17:58 |

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|-----|--------|---|--------------------|----|-----|------------------|
| S9 | 0 | S8 and S5 | US-PGPUB; USPAT | OR | OFF | 2005/02/07 17:58 |
| S10 | 85 | S8 and S4 | US-PGPUB; USPAT | OR | OFF | 2005/02/07 17:58 |
| S11 | 6 | S10 and S2 | US-PGPUB; USPAT | OR | OFF | 2005/02/07 17:58 |
| S12 | 55 | S5 and (initiator photoinitiator) | US-PGPUB; USPAT | OR | OFF | 2005/02/07 18:15 |
| S13 | 48 | S5 and (photopolymerization adj initiator photoinitiator) | US-PGPUB; USPAT | OR | OFF | 2005/02/07 18:16 |
| S14 | 1 | ("5756574").PN | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:05 |
| S15 | 22884 | (emulsion) near (polymerization polymerizing polymerized) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:06 |
| S16 | 9105 | (reverse phase) near (polymerization polymerisation polymerised polymerising polymerizing polymerized) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:07 |
| S17 | 23957 | (emulsion) near (polymerization polymerisation polymerised polymerising polymerizing polymerized) | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:07 |
| S18 | 382476 | gel gels gelling gelled | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:08 |
| S19 | 10021 | S18 and S17 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:08 |
| S20 | 4220 | S18 and S16 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:08 |
| S21 | 314 | S18 same S16 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:08 |
| S22 | 1267 | S18 same S17 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:08 |
| S23 | 194629 | ultraviolet ultra adj violet photoinitiator photopolymerization photopolymerisation photopolymerized photopolymerised | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:09 |
| S24 | 324 | S23 and S22 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:09 |
| S25 | 63 | S23 and S21 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:09 |
| S26 | 7 | S24 and S25 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:12 |
| S27 | 166 | S24 and acrylamide | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:12 |
| S28 | 23 | S25 and acrylamide | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:12 |

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|-----|-----|-------------------------|--------------------|----|-----|------------------|
| S29 | 182 | S27 S28 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:12 |
| S30 | 2 | S29 and "Irgacure 2959" | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:13 |
| S31 | 0 | S29 and "Darocure 1173" | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:13 |
| S32 | 0 | S29 and "Irgacure 1173" | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:13 |
| S33 | 1 | S29 and "Irgacure 184" | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:14 |
| S34 | 2 | S30 S33 | US-PGPUB; USPAT | OR | OFF | 2005/02/09 15:14 |